



SEQUENCE LISTING

<110> Neville, David M.
Knechtle, Stuart
Thomas, Judith M.
Thompson, Jerry T.
Hu, Hualzhong
Ma, Shenglin

<120> IMMUNOTOXINS AND METHODS OF INDUCING
IMMUNE TOLERANCE

<130> 14028.0287

<140> US 09/380,484

<141> 1999-12-06

<150> PCT/US98/04303

<151> 1998-03-05

<150> 60/039,987

<151> 1997-03-05

<160> 15

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 3476

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: note =
synthetic construct

<400> 1

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| tgcgcaactg | ttgggaagg | cgatcggtgc | gggcctcttc | gctattacgc | cagctggcga | 120 |
| aaggggggatg | tgctgcaagg | cgattaagtt | gggtaacgcc | agggttttcc | cagtcacgac | 180 |
| gttgtaaaac | gacggccagt | ccgtaatacg | actcacttaa | ggccttgact | agagggaaga | 240 |
| tctggatgca | ttcgcgcgca | cgtacgggtc | cgaggaattc | ctgcaggata | tcgtggatcc | 300 |
| aagcttcacc | atgggagacg | tcaccgggtc | tagaacctag | ggagctctgg | taccactag | 360 |
| tgagtcgtat | tacgtaaccg | caggtaaaag | gcataatttt | cgcgtgtcat | ggctagtaaa | 420 |
| taacaccggt | gtcatttaga | gtcagggaaa | gacaatgaaa | aacgaagaaa | gccaccgggc | 480 |
| ggcaaccoga | tgacttttcg | ttatcaccca | gcacacacct | gggagaaatc | acggtcatga | 540 |
| gtttacagac | tcatgcgag | aatgcgaca | ctaaaacacc | taccgcgcgc | gagcgcgacc | 600 |
| gtggtggact | ggacaacacc | ccagcatctg | ccagtgaccg | cgacctttta | cgcgatcatc | 660 |
| taggccgcga | tgtactccac | ggttcagtc | cacgagactt | taaaaaggcc | tatcgacgca | 720 |
| acgctgacgg | cacgaactcg | ccgcgtatgt | atcgcttcga | gactgatgct | ttaggacggt | 780 |
| gcgagtaacg | catgctcacc | accaagcagt | acgccgcgct | cctggctcga | gacgttgacc | 840 |
| aagtaggtac | cgcaggcggt | gacccgcgag | acttaaacc | gtacgtccgc | gacgtggtgc | 900 |
| gctcactgat | tactcatagc | gtcggggcag | cctgggtggg | tattaaccca | actaacggca | 960 |
| aagcccagtt | catatggctt | attgacctg | tctacgttga | ccgtaacggt | aaatctgcgc | 1020 |
| agatgaagct | tcttgacgca | accacgcgtg | tgctgggtga | gcttttagac | catgacccgc | 1080 |
| acttttccca | ccgcttttagc | cgcaaccggt | tctacacagg | caaagcccct | accgcttctc | 1140 |
| gttggtatag | gcagcacaac | cgggtgatgc | gccttgagga | cttgataaag | caggtaagg | 1200 |

atatggcagg acacgaccag ttcaacccca ccccaagcca gcaattcagc tctggccgcg 1260
 aacttatcaa cgcggtcaag acccgccgtg aagaagccca agcattcaaa gcactcgccc 1320
 aggacgtaga cgcggaaatc gccggtggtc tcgaccagta tgaccgggaa cttatcgacg 1380
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 cgctgttgag atccagttcg atgtaaccca ctctgcacc caactgatct tcagcatctt 3240
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 gcatttatca gggttattgt ctcagagcg gatacatatt tgaatgtatt tagaaaaata 3420
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<210> 2
 <211> 21
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence:/note =
 synthetic construct

<400> 2
 gacatccaga tgacccagac c

21

<210> 3
 <211> 58
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence:/note =

A1
 Bul
 B1
 2

synthetic construct

<400> 3
cctccccgagc caccgcctcc gctgcctccg cctcctttta tctccagctt gtgtcgcc 58

<210> 4
<211> 56
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:/note =
synthetic construct

<400> 4
gcagcggagg cggtggctcg ggagggggag gctcggaggt gcagcttcag cagtct 56

<210> 5
<211> 32
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:/note =
synthetic construct

<400> 5
gcaagcttga agactgtgag agtgggtgct tg 32

<210> 6
<211> 37
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:/note =
synthetic construct

<400> 6
gtctcttcaa agcttattgc ctgagctgcc tcccaaa 37

<210> 7
<211> 32
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:/note =
synthetic construct

<400> 7
gcatctagat cagtagcagg tgccagctgt gt 32

<210> 8
<211> 59
<212> DNA
<213> Artificial Sequence

A1
B1
n/

<220>
<223> Description of Artificial Sequence:/note =
synthetic construct

<400> 8
cggtcgacac catggagaca gacacactcc tggtatgggt actgctgctc tgggttcca 59

<210> 9
<211> 51
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:/note =
synthetic construct

<400> 9
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<210> 10
<211> 67
<212> DNA
<213> Artificial Sequence

A1
B1
✓
<220>
<223> Description of Artificial Sequence:/note =
synthetic construct

<400> 10
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gatggcc 67

<210> 11
<211> 54
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:/note =
synthetic construct

<400> 11
atgaaatacc tattgcctac ggcagccgct ggattgttat tactgctgc ccaa 54

<210> 12
<211> 59
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:/note =
synthetic construct

<400> 12
ggattgttat tactgctgc ccaacaagcg atggccggcg ctgatgatgt tgttgattc 59

<210> 13
<211> 31

<212> DNA
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:/note =
synthetic construct

<400> 13

cggtactata aaactctttc caatcctcgt c

31

<210> 14

<211> 31

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:/note =
synthetic construct

<400> 14

gacgatgatt ggaaagagtt ttatagtacc g

31

<210> 15

<211> 40

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:/note =
synthetic construct

<221> misc_feature

<222> (0)...(0)

<223> n = c or a

<400> 15

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40

mb
B
A